

Corporate Report

NO: R225

COUNCIL DATE: November 3,

2003

REGULAR COUNCIL

TO: **Mayor &
Council** DATE: **October 27,
2003**

FROM: **General Manager,
Engineering** FILE: **0930-30**

SUBJECT: **Installation of Telecommunications Equipment
at Base of Hydro Towers on City-Owned
Lands
(14204 - 82A Avenue & 7371 - 123 Street)**

RECOMMENDATION

That Council approve the granting of two licences to Rogers Wireless Inc. to occupy portions of two City-owned properties located at 14204 - 82A Avenue and 7371 - 123 Street for a term of five years, with one 5 year renewal option.

BACKGROUND

The City-owned properties located at 14204 - 82A Avenue and 7371 - 123 Street are park greenways that are fully encumbered by BC Hydro transmission line rights-of-way. Rogers Wireless is currently expanding their cellular communications network and is proposing to install small communications antennas on the BC Hydro towers at each of these two locations. Rogers advises that these installations will provide the immediate areas with improved cellular coverage for private and public use.

DISCUSSION

Rogers has reached agreement with BC Hydro to locate small antennas below the top of the Hydro towers located on the subject lands and now requests the City's approval to locate their at-grade equipment cabinets within the tower footprint, on the City-owned properties. For security purposes, Rogers will install fencing around the base of the towers. Rogers has also agreed to paint the cabinets an appropriate earth tone colour and to supply and maintain landscape hedging at an adequate height surrounding the base of the towers to lessen the visual impact of the cabinets. There will be minimal noise associated with the operation of these equipment cabinets, as there are only air conditioning units that are required to keep the equipment at a regulated temperature. These measures will ensure that the telecommunication equipment, both on the tower and at ground level, meet City guidelines and are in keeping with previous Council approvals for similar telecommunication installations.

CONCLUSION

To improve local area cellular coverage, Rogers Wireless is seeking to locate telecommunication equipment on City-owned lands at 14204 - 82A Avenue and 7371 - 123 Street that are encumbered by BC Hydro rights of way. Rogers has received approval from BC Hydro to mount their antennas beneath the top of the Hydro towers and is now requesting City approval to locate their communication cabinets under the tower, on City-owned lands. As the perimeter of the tower bases will be landscaped and there will be minimal visual impact to the surrounding area, it is recommended that Council approve the granting of two licences to Rogers Wireless on City lands at 14204 - 82A Avenue and 7371 - 123 Street.

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General Manager, Engineering

KSW/mpr

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Appendices:

- I. Site Map: 14204 - 82A Avenue
- II. Aerial Photograph of Site: 14204 - 82A Avenue
- III. Site Map: 7371 - 123 Street
- IV. Aerial Photograph of Site: 7371 - 123 Street
- V. Proposed Shelter Sketch

APPENDIX V

PROPOSED SHELTER SKETCH